SEQUENCE LISTING

<110>   Genovoxx GmbH
        Cherkasov, Dmitry
        Hennig, Christian

<120>   Macromolecular Nucleotide Compounds and Methods for Using the
        Same

<130>   076030-0011

<140>   10/578,313
<141>   2006-05-04

<150>   PCT/EP04/012556
<151>   2004-11-05

<150>   103 56 837.9
<151>   2003-12-05

<150>   103 51 636.0
<151>   2003-11-05

<160>   11

<170>   PatentIn version 3.4

<210>   1
<211>   20
<212>   DNA
<213>   Artificial

<220>
<223>   Primer, example 34A, modified on 5 prime-end by Cy3

<400>   1
taatacgact cactataggg   20

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<220>
<223>   Template, example 34A

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agttttagtt ttaccctata gtgagtcgta tta   33

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<213>   Artificial

<220>

<223>   Primer, example 34B, modified at 5 prime -end by Cy3

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<220>
<223>   Oligonucleotide, modified at 5 prime -end by Cy3

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<211>   50
<212>   DNA
<213>   Artificial

<220>
<223>   Oligonucleotide, example 34B, modified at 5 prime -end by Cy3

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<210>   6
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<220>
<223>   Polynucleotide with an average length of 270 nucleotides, example
        34B

<400>   6
aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa   60

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa   120

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa   180

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa   240

aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa   270

<210>   7
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<220>

<223> Oligonucleotide, example 34C, modiified at 3 prime- end by
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<400> 7
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<210> 8
<211> 35
<212> DNA
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<220>
<223> Primer, example 35

<400> 8
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<210> 9
<211> 31
<212> DNA
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<223> Oligonucleotide, example 39, modified at 3 prime- end by an
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<210> 10
<211> 31
<212> DNA
<213> Artificial

<220>
<223> Oligonucleotide, example 30, modified at 3 prime- end by biotin,
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<212> DNA
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<400> 11
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